

18th Annual Michigan Traffic Safety Summit

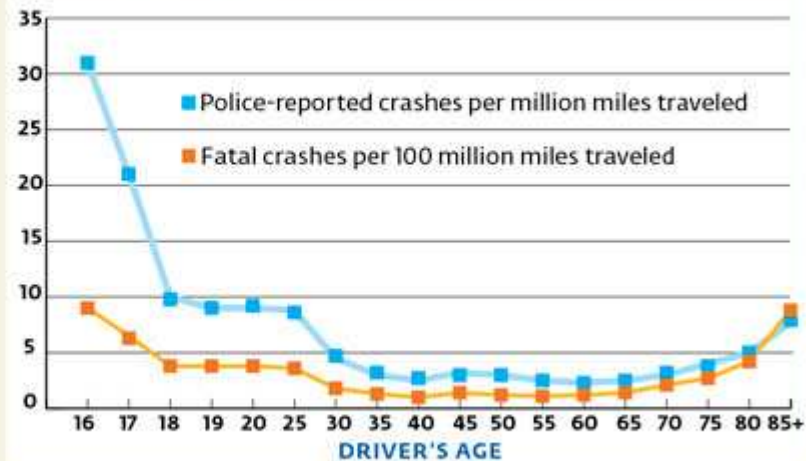
“The Other Side of Safety” – The Older Driver

2001

The Issue:

Dangerous curves: Plotting the problem

The youngest and oldest drivers have much higher rates of highway crashes and deaths than any other age group, according to 2008 government mileage data, the latest available. Drivers ages 16 and 17 are involved in more crashes, and fatality rates rise steeply for those older than 65, with drivers older than 80 being most vulnerable.



Source: National Highway Traffic Safety Administration and Insurance Institute for Highway Safety.

Frank Cardimen
TIA (Retired)

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2001 - Federal Highway Administration
FHWA-RD-01-051

***GUIDELINES AND RECOMMENDATIONS TO ACCOMMODATE
OLDER DRIVERS AND PEDESTRIANS***

- **Intersections – Design**
- **Interchanges**
- **Roadway Curvature and Passing Zones**
- **Construction/Work Zones**
- **Highway-Rail Grade Crossing**

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State of Michigan Ahead of National Curve Older Driver Issues

- **MDOT**
- **Secretary of State**
- **Office Highway Safety Planning**
- **Area Agency on Aging**
- **Traffic Improvement Association**
- **AAA**
- **Others**

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2004 State Leadership
North American Conference on Elderly Mobility (NACEM)
Best Practice from Around the World

- **Alternative Transportation**
- **Education/Training**
- **Screening/Assessment**
- **Housing and Land Use**
- **Roadway Design – Infrastructure Enhancement Safety, Operational Improvements, Pedestrian Infrastructure and Operations**

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MDOT PROVIDED A SENIOR DRIVER ROADWAY SHOWCASE

- ***\$286,000 Investment***
- ***7.3 Mile Loop***
- ***35 New Signs – Size and Font Changes***
- ***17 Signals Modified***
- ***12 Pedestrian Countdown Signals***
- ***Special Pavement Markings***

Feedback – Outstanding with locals picking up ideas

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2006 – Rochester Hills



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Other outcomes to help older drivers.....

- **Rumble Strips on highways**
- **Pedestrian Technology – Street Crossings**
- **Organizations emerged focusing on the problem**
 - **SEMCOG 2006**
 - **SEMCOG 2011 – Older driver Safety & Mobility**
State, Regional and Local

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Contemporary Issues for Older drivers

- **Roundabouts** *(TRB -2009)*
- **Trucks** *(TRB)*
- **Automotive Technology**
- **Younger Drivers on the Road**
- **Education – Continuous reevaluation**
- **Mobility - Help from Medical Community**

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Set you calendar for MAY 2014

North American Conference on Elderly Mobility (NACEM)
Decade of Success - Worldwide

WHERE: MICHIGAN USA

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Conclusion:

- **Michigan a leader in older driver issues in all areas**
- **Engineering Efforts – *SAVE LIVES***

Every improvement for older drivers HELPS ALL DRIVERS !